

ALIEN INVADERS



Zebra mussels, gypsy moths, and garlic mustard are invading Wisconsin and harming our waterbodies, forests, prairies and grasslands. These non-native species from other regions and continents displace native species, disrupt ecosystems, hamper boating and other water recreation. They also harm commercial, agricultural, and aquacultural resources. Because they lack the predators and competitors they faced in their homelands, controlling invasive species is difficult. Human prevention of the spread of invasive species is critical, since humans often unwittingly introduce them to their favorite waters and lands! Help us fight these alien invaders.

CLASSROOM RESOURCES AND CURRICULA

Aquatic Exotic Educational Trunk: UW-Extension, in cooperation with DNR, Minnesota Sea Grant and the Wisconsin Association of Lake Districts, has developed an exotic trunk containing key educational materials on invasive species. The trunk can help teachers boost student awareness about exotic issues and in turn increase public involvement in outreach, volunteer monitoring and management efforts. Contact Laura Felda at UW-Extension (715) 346-3366 or by E-mail, lfelda@uwsp.edu.

Attack Pack: UW-Sea Grant. This self-contained teaching aid is designed to help high schoolers teach elementary students about aquatic invasives, their life cycles, impacts and spread. Pack contains books, zebra mussel videotape, WI exotic species PowerPoint presentation, and mounted samples of a ruffe, round goby and zebra mussels. Contact Phil Moy (920) 683-4697, by E-mail pmoy@uwc.edu, or write 705 Viebahn St., Manitowoc, WI, 54220. View pack contents at <http://www.seagrants.wisc.edu> then search "Attack Pack."

Community Water Education & Action Opportunities: This web page lists many water resource training, curricula, and action projects for educators offered by Wisconsin agencies and organizations. Aquatic WILD, Water Action Volunteers (WAV), Adopt-A-Lake, Self-Help Lake Monitoring, Project WET and many more can be found on the DNR Web site at www.dnr.state.wi.us, then search by "Community Water Education & Action Opportunities." Also, DNR offers many publications for educators which can be ordered from Educ'Ade on issues related to drinking water, groundwater, wetlands, lakes, and more. Contact EE News for a copy of Educ'Ade at P.O. Box 7921, Madison, WI 53707-7921, or by e-mail at hutchj@dnr.state.wi.us.

EE News Extras! Occasionally EE News focuses on a particular topic or contains special inserts. Listed below are some of the past issues and inserts that are still available free of charge. Order by sending your name and address and include the publication number and quantity to EE News, PO Box 7921, Madison, WI 53707-7921, or by e-mail: hutchj@dnr.state.wi.us.

***The Gypsy Moth**, Spring 1999. Contains information, activities, and a poster about this Wisconsin alien invader. Request publication #FR-144.

GENERAL BOOKS, PAMPHLETS, MAGAZINES, AND POSTERS

A Field Guide to Aquatic Exotic Plants & Animals. Learn to identify Wisconsin's invasive species and help prevent their spread. Order this free publication (#WR407) through WI-DNR's Bureau of Communication & Education, P.O. Box 7921, Madison, WI 53707-7921.

Aquatic Nuisance Species: America's Most Unwanted. This poster from the National Oceanic and Atmospheric Administration and National Sea Grant College Program features 5 of America's most unwanted invasive aquatic species, with a cut-off section with information on them and a list of classroom ideas. Contact NOAA Office of Public and Constituent Affairs Outreach Unit, 1305 East-West Highway, Room 1W514 Silver Spring, MD 20910.

Out of Place. This 32-page supplement to Wisconsin Natural Resources magazine gives a good overview of invasive aquatic species in Wisconsin, including a timeline from the early 1800s. Contact DNR Bureau of Watershed Management (608) 266-9270 for free copies. (Publ-WT-708-01) or view online at <http://www.wnrmag.com/supps/2001/jun01/intro.htm>

Wisconsin Lakes Book. Learn which invasive species are found in Wisconsin's named lakes, as well information on lake depth, surface area, type, fish species. Order this free book (Pub-FH-800) from the Bureau of Fisheries Management and Habitat Protection (608) 261-6431.

MULTIMEDIA

Stop Exotics, Clean Your Boat. Self-Help Lake Monitoring program. Video looks at ways we can work together to slow the spread of Eurasian Watermilfoil and zebra mussels. Contact Mandy Beall, DNR invasive species outreach coordinator, WI-DNR, P.O. Box 7921, Madison, WI 53707-7921, (608) 267-3531, E-mail Mandy.Beall@dnr.state.wi.us.

WEB RESOURCES

EEK! Alien Invader Web pages

<http://www.dnr.state.wi.us/org/caer/ce/eeek/earth/aliens.htm>

Wisconsin DNR's online magazine for kids features a rogue's gallery, with clues for finding imposters and exterminating the real invaders.

Teacher pages: <http://www.dnr.state.wi.us/org/caer/ce/eeek/teacher/italieninvaders.htm>.

GLIFWIC Exotic Plant Information Center.

<http://www.glifwc.org/epicenter/>

Interactive maps, slide library, educational materials and more.

Sea Grant Non-Indigenous Species Site (SGNIS)

<http://www.sgnis.org/>

A searchable collection of research publications and education materials produced by Sea Grant programs and other research institutions across the country on zebra mussels and other invasive aquatic species.